

$$\begin{aligned}
 &13 \cdot 15 + 15 \cdot 12 + 3 \cdot 15 + \left(\frac{12 \cdot 3}{2} \right) \cdot 2 \\
 &195 + 180 + 45 + \frac{36}{1} \\
 &456 \text{ cm}^2
 \end{aligned}$$

Homework Questions?

$$\textcircled{2} V = (.5 \cdot b \cdot h) \cdot h$$

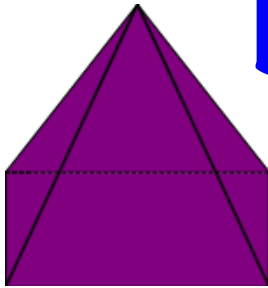
$$V = (.5 \cdot 12 \cdot 2 \cdot 10) 4$$

$$\textcircled{7} V = l \cdot w \cdot h$$

$$V = 3.5 \cdot 8.2 \cdot 1$$

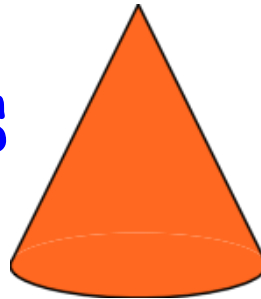
$$28.7 \text{ in}^3$$

Calculating Volume Pyramids



and

Cones



Formula Page

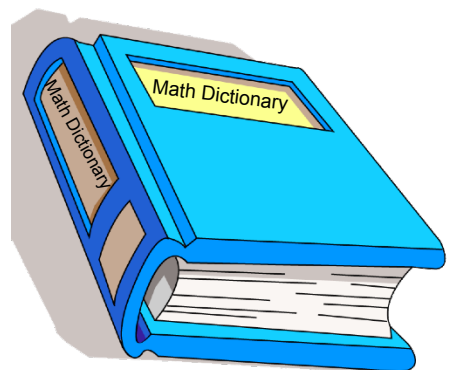
Volume of a pyramid:

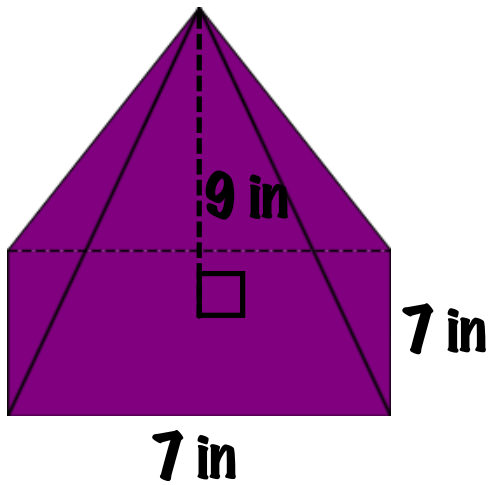
$$V = \frac{s \cdot s \cdot h}{3}$$

← This "h" is for
the height of
the pyramid.

$$s \cdot s \cdot h \div 3$$

$$s \cdot s \cdot h = \div 3$$

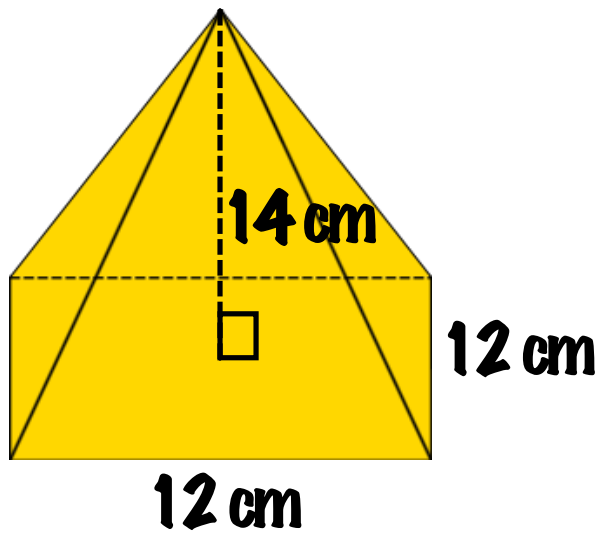




$$V = 147 \text{ in}^3$$

$$V = \frac{s \cdot s \cdot h}{3}$$

$$V = \frac{7 \cdot 7 \cdot 9}{3}$$



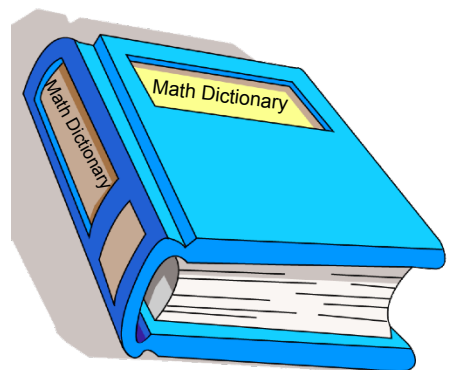
$$V = 672 \text{ cm}^3$$

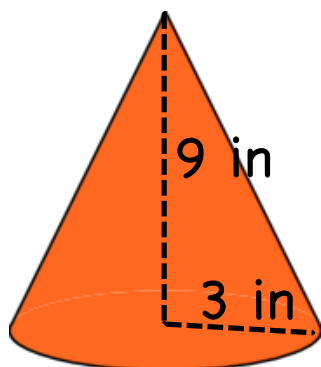
$$V = \frac{S \cdot S \cdot h}{3}$$
$$V = \frac{12 \cdot 12 \cdot 14}{3}$$

Formula Page

Volume of a cone:

$$V = \frac{\pi \cdot r \cdot r \cdot h}{3}$$

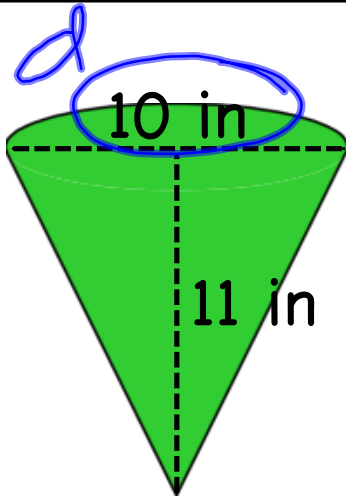




$$V = \frac{\pi \cdot r \cdot r \cdot h}{3}$$

$$V = \frac{\pi \cdot 3 \cdot 3 \cdot 9}{3}$$

$$V = 84.82 \text{ in}^3$$



$$V = \frac{\pi \cdot r \cdot r \cdot h}{3}$$

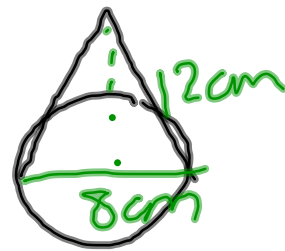
$$V = \frac{\pi \cdot 5 \cdot 5 \cdot 11}{3}$$

$$V = 287.98 \text{ in}^3$$

Find volume of a cone with

$$d = 8\text{cm}$$

$$h = 12\text{cm}$$



$$\frac{(\pi \cdot r \cdot r \cdot h)}{3}$$

$$\frac{(\pi \cdot 4 \cdot 4 \cdot 12)}{3}$$

$$201.06\text{cm}^3$$

Homework pyramid & cone ws